In the specification:

Beginning at page 1, line 2, insert the following paragraph:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a divisional application of U.S. Application Serial No. 09/796,412, filed on February 27, 2001, which claims the benefit of a foreign priority application filed in Japan, Serial No. 2000-054963, filed February 29, 2000, all of which are incorporated by reference.

Please amend the paragraph beginning at page 6, line 1 as follows:

[Expression 1]

$$Id = \frac{1}{2} * \mu * C_0 * \frac{W}{L} * (Vgs - Vth)^2$$

Please amend the paragraph beginning at page 10, line 1 as follows:

[Expression 2]

$$\frac{W}{L} * (Vgs - Vth)^2 = \frac{2 * Id}{\mu * C_0}$$

Please amend the paragraph beginning at page 10, line 8 as follows:

[Expression 3]

$$\frac{W}{L} * (Vgs - Vth)^2 = A$$

Please amend the paragraph beginning at page 10, line 14 as follows:

[Expression 4]

$$\frac{(Vgs - Vth + \Delta Vth)^2}{(Vgs - Vth)^2} \leqq 1 + \frac{n}{100}$$

Please amend the paragraph beginning at page 10, line 15 as follows:

[Expression 5]

$$1-\frac{n}{100}\leqq\frac{(Vgs-Vth-\Delta Vth)^2}{(Vgs-Vth)^2}$$

Please amend the paragraph beginning at page 10, line 18 as follows:

[Expression 6]

$$|\Delta Vth|\leqq\left(\sqrt{1+\frac{n}{100}}-1\right)*V'$$

Please amend the paragraph beginning at page 11, line 2 as follows:

[Expression 7]

$$V'^2=A*L/W$$

Please amend the paragraph beginning at page 11, line 4 as follows:

[Expression 8]

$$|\Delta Vth|\leqq\left(\sqrt{1+\frac{n}{100}}-1\right)*\sqrt{A*L/W}$$

Please amend the paragraph beginning at page 11, line 7 as follows:

[Expression 9]

$$\frac{W}{L}\leqq\left(\sqrt{1+\frac{n}{100}}-1\right)^2*\frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 11, line 14 as follows:

[Expression 10]

$$\frac{W}{L} \geqq \frac{A}{(Vgs_{(max)} - Vth)^2}$$

Please amend the paragraph beginning at page 11, line 16 as follows:

[Expression 11]

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq \left(\sqrt{1 + \frac{n}{100}} - 1\right)^2 * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 12, line 23 as follows:

[Expression 12]

$$|\Delta Vth| \leqq 0.025 * \sqrt{A * L / W}$$

Please amend the paragraph beginning at page 13, line 1 as follows:

[Expression 13]

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq 6.10 * 10^{-4} * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 13, line 22 as follows:

[Expression 14]

$$|\Delta Vth| \leqq 0.015 * \sqrt{A * L / W}$$

Please amend the paragraph beginning at page 14, line 1 as follows:

[Expression 15]

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq 2.22 * 10^{-4} * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 15, line 14 as follows:

[Expression 16]

$$A = \frac{2Id}{\mu * C_0}$$

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq \left(\sqrt{1 + \frac{n}{100}} - 1\right)^2 * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 16, line 11 as follows:

[Expression 17]

$$A = \frac{2Id}{\mu * C_0}$$

$$|\Delta Vth| \leqq (\sqrt{1 + \frac{n}{100}} - 1) * \sqrt{A * L/W}$$

Please amend the paragraph beginning at page 17, line 24 as follows:

[Expression 18]

$$A = \frac{2Id}{\mu * C_0}$$

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq \left(\sqrt{1 + \frac{n}{100}} - 1\right)^2 * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 19, line 11 as follows:

[Expression 19]

$$A = \frac{2Id}{\mu * C_0}$$

$$|\Delta Vth| \leqq (\sqrt{1 + \frac{n}{100}} - 1) * \sqrt{A * L/W}$$

Please amend the paragraph beginning at page 20, line 16 as follows:

[Expression 20]

$$A = \frac{2Id}{\mu * C_0}$$

$$\frac{A}{(Vgs_{(max)} - Vth)^2} \leqq \frac{W}{L} \leqq \left(\sqrt{1 + \frac{n}{100}} - 1\right)^2 * \frac{A}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 21, line 15 as follows:

[Expression 21]

$$A = \frac{2Id}{\mu * C_0}$$

$$|\Delta Vth| \leqq (\sqrt{1 + \frac{n}{100}} - 1) * \sqrt{A * L/W}$$

Please amend the paragraph beginning at page 24, line 15 as follows:

[Expression 22]

$$Id = 3 * (84 * 10^{-4}) * (252 * 10^{-4}) = 6.35 * 10^{-7} A$$

Please amend the paragraph beginning at page 25, line 2 as follows:

[Expression 23]

$$Id = 6.35 * 10^{-7} / 0.3 = 2.11 \mu A$$

Please amend the paragraph beginning at page 25, line 7 as follows:

[Expression 24]

$$A = \frac{2 * Id}{\mu * C_0} = 1.41 (A)$$

Please amend the paragraph beginning at page 25, line 13 as follows:

[Expression 25]

$$|\Delta Vth| \leqq 0.029 * \sqrt{L / W}$$

Please amend the paragraph beginning at page 25, line 14 as follows:

[Expression 26]

$$2.26 * 10^{-3} \leqq \frac{W}{L} \leqq \frac{8.60 * 10^{-4}}{\Delta Vth^2}$$

Please amend the paragraph beginning at page 26, line 5 as follows:

[Expression 27]

$$|\Delta Vth| \leqq 0.079 (V)$$

Please amend the paragraph beginning at page 26, line 13 as follows:

[Expression 28]

$$2.26*10^{-3} \leqq \frac{W}{L} \leqq 0.086$$

Please amend the paragraph beginning at page 65, line 16 as follows:

[Expression 29]

$$Id = 3*(84*10^{-4})*(252*10^{-4}) = 6.35*10^{-7}A$$

Please amend the paragraph beginning at page 66, line 2 as follows:

[Expression 30]

$$Id = 6.35*10^{-7}/0.3 = 2.11\mu A$$

Please amend the paragraph beginning at page 66, line 7 as follows:

[Expression 31]

$$A = \frac{2*Id}{\mu*C_0} = 3.52(A)$$

Please amend the paragraph beginning at page 66, line 13 as follows:

[Expression 32]

$$|\Delta Vth| \leqq 0.046*\sqrt{L/W}$$

Please amend the paragraph beginning at page 66, line 14 as follows:

[Expression 33]

$$2.26 * 10^{-3} \leqq \frac{W}{L} \leqq \frac{2.14 * 10^{-3}}{\Delta Vth^2}$$

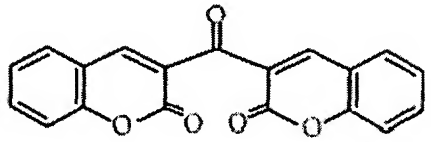
Please amend the paragraph beginning at page 67, line 6 as follows:

[Expression 34]

$$2.26 * 10^{-3} \leqq \frac{W}{L} \leqq 0.214$$

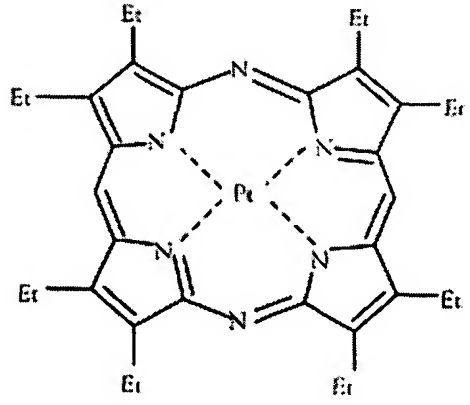
Please amend the paragraph beginning at page 68, line 7 as follows:

[Chemical Formula 1]



Please amend the paragraph beginning at page 68, line 12 as follows:

[Chemical Formula 2]



Please amend the paragraph beginning at page 68, line 19 as follows:

[Chemical Formula 3]